Measurement

Grade 2

Diagnostic

Name: _____

Diagnostic - checking to see what they already know	Target Met	Still Progressing
1. estimate, measure, and record the distance around objects, using non-standard units		
2. estimate, measure, and record area, through investigation using a variety of non-standard units		
3. estimate, measure, and record the capacity and/or mass of an object, using a variety of non-standard units		
4. describe, through investigation, the relationship between the size of a unit of area and the number of units needed to cover a surface		
5. compare and order a collection of objects by mass and/or capacity, using non-standard units		

Task 1: Estimate, measure, and record the perimeter of his/her desk, using linking cubes (i.e., non-standard units).

Student estimate: _____ Reasonable? _____ Accuracy level: _____

Task 2: Estimate, measure and record the area of his/her desk, using index cards (i.e., non-standard units).

Student estimate: _____ Reasonable? _____ Accuracy level: _____

Task 3: Estimate, measure and record how many blocks would be needed to balance the scale. Use scale with chalk brush on one side.

Student estimate: _____ Reasonable? _____ Accuracy level: _____

Task 4: Fill in an outline using the same unit/pattern block (i.e., triangles, squares, parallelogram).

What do you notice? _____

Task 5: Provide 5 containers and have them sequence capacity from least to most. Order least to most:

1. _____

2. _____

3. _____

4. _____

5. _____